

Application No. 09/425,118  
Reply to Office Action of July 30, 2003

Amendments to the claims

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1. (original) A satellite transmission reception system including:

a downlink receiver for receiving signals from a satellite, said downlink including an integrated satellite receiver and router;

wherein said signals are stored as files in said integrated satellite receiver and router for later further transmission.

2. (currently amended) A satellite transmission reception system including:

a downlink receiver for receiving signals from a satellite, said downlink including an integrated satellite receiver and router;

wherein said signals are stored as files in said integrated satellite receiver and router for later further transmission, and

The satellite transmission reception system of claim 1 wherein said integrated satellite receiver and router further includes an Ethernet transceiver for transmitting at least some of said signals.

3. (original) The satellite transmission reception system of claim 1 wherein said integrated satellite receiver and router further includes a multicasting processor to provide multicasting of at least some of said signal.

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4. (currently amended) The satellite transmission reception system of claim 1 wherein said integrated satellite receiver and router further includes an HTTP server for communicating with an external device ~~said EDS card~~ via a web browser.

5. (original) The satellite transmission reception system of claim 1 wherein said integrated satellite receiver and router further includes a DNS resolver for translating mnemonic IP addresses into numerical IP addresses and vice versa.

6. (original) The satellite transmission reception system of claim 1 wherein said integrated satellite receiver and router further includes a DHCP processor for dynamically configuring the IP address of said integrated satellite receiver and router.

7. (original) The satellite transmission reception system of claim 1 wherein said integrated satellite receiver and router further includes a confirmation web client for sending confirmations to a remote location when predetermined events occur.

8. (original) The satellite transmission reception system of claim 1 wherein said integrated satellite receiver and router further includes an audio subsystem for combining a received audio signal with locally inserted audio signals.

9. (currently amended) The satellite transmission reception system of claim 1 wherein said integrated satellite receiver and router further includes a command processor

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performing at least one of displaying said at least a portion of a received signal stored in said integrated satellite receiver and router and prompting said integrated satellite receiver and router to transmit said received signals.

10. (currently amended) A satellite data delivery system including:

a satellite transmitting signals; and

a downlink receiver for receiving signals from a satellite, said downlink receiver including an integrated satellite receiver and router,

wherein said signals are TCP/IP packets and said TCP/IP packets are routed by said integrated satellite receiver and router, and

wherein said signals may be stored as files in said integrated satellite receiver and router for later further transmission.

11. (currently amended) A satellite data delivery system including:

a satellite transmitting signals; and

a downlink receiver for receiving signals from a satellite, said downlink receiver including an integrated satellite receiver and router,

wherein said signals are TCP/IP packets and said TCP/IP packets are routed by said integrated satellite receiver and router,

wherein said signals may be stored as files in said integrated satellite receiver and router for later further transmission, and

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~~The satellite transmission reception system of claim 10~~ wherein said integrated satellite receiver and router further includes an Ethernet transceiver for transmitting at least some of said signals.

12. (original) The satellite transmission reception system of claim 10 wherein said integrated satellite receiver and router further includes a multicasting processor to provide multicasting of at least some of said signal.

13. (currently amended) The satellite transmission reception system of claim 10 wherein said integrated satellite receiver and router further includes an HTTP server for communicating with an external device ~~said EDS card~~ via a web browser.

14. (original) The satellite transmission reception system of claim 10 wherein said integrated satellite receiver and router further includes a DNS resolver for translating mnemonic IP addresses into numerical IP addresses and vice versa.

15. (original) The satellite transmission reception system of claim 10 wherein said integrated satellite receiver and router further includes a DHCP processor for dynamically configuring the IP address of said integrated satellite receiver and router.

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16. (original) The satellite transmission reception system of claim 10 wherein said integrated satellite receiver and router further includes a confirmation web client for sending confirmations to a remote location when predetermined events occur.

17. (original) The satellite transmission reception system of claim 10 wherein said integrated satellite receiver and router further includes an audio subsystem for combining a received audio signal with locally inserted audio signals.

18. (currently amended) The satellite transmission reception system of claim 10 wherein said integrated satellite receiver and router further includes a command processor performing at least one of displaying said at least a portion of a received signal stored in said integrated satellite receiver and router and prompting said integrated satellite receiver and router to transmit said received signals.

19. (currently amended) A TCP/IP compatible satellite transmission system including:

a multiplexer for receiving, multiplexing, and outputting multiplexed TCP/IP packets without separating said packets;

an uplink for transmitting said multiplexed TCP/IP packets to a satellite;

a satellite for receiving said multiplexed TCP/IP packets from said uplink and transmitting said TCP/IP packets to a downlink;

a downlink for receiving said TCP/IP packets and transmitting said TCP/IP packets to an integrated satellite receiver and router; and

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an integrated satellite receiver and router for receiving said TCP/IP packets and demultiplexing and outputting said TCP/IP packets without reconstructing said packets.

20. (currently amended) An integrated satellite receiver and router including:

a satellite receiver for receiving files;

an Ethernet-capable router for routing said files; and

an HTTP server within ~~for communicating with said~~ integrated satellite receiver and router for communicating with an external device via a web browser.

21. (original) The integrated satellite receiver and router of claim 20 further including a flash memory storage for storing said files.

22. (original) The integrated satellite receiver and router of claim 20 further including a command processor performing at least one of displaying said files stored in said flash memory storage and prompting said router to route said files.

23. (original) The integrated satellite receiver and router of claim 20 further including an IGMP multicasting processor for multicasting of a received data stream

24. (original) The integrated satellite receiver and router of claim 20 further including a DNS resolver for translating mnemonic IP addresses into numerical IP addresses and vice versa.

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25. (original) The integrated satellite receiver and router of claim 20 further including a DHCP processor for dynamically configuring the IP address of said integrated satellite receiver and router.

26. (currently amended) An Ethernet Digital Storage (EDS) Card for use in a satellite data stream reception system including:

a flash memory storage for storing at least a portion of a received data stream,  
wherein said flash memory storage is capable of storing portions of a plurality of

received data streams; and

an Ethernet transceiver for transmitting at least a portion of a said received data stream.

27. (currently amended) An Ethernet Digital Storage (EDS) Card for use in a satellite data stream reception system including:

a flash memory storage for storing at least a portion of a received data stream;

an Ethernet transceiver for transmitting at least a portion of a received data stream; and

~~The EDS card of claim 26 further including~~ a multicasting processor to provide multicasting of at least a portion of said received data stream.

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28. (currently amended) The EDS card of claim 26 further including an HTTP server for communicating with an external device ~~said EDS card~~ via a web browser.

29. (original) The EDS card of claim 26 further including a DNS resolver for translating mnemonic IP addresses into numerical IP addresses and vice versa.

30. (original) The EDS card of claim 26 further including a DHCP processor for dynamically configuring the IP address of said integrated satellite receiver and router.

31. (original) The EDS card of claim 26 further including a confirmation web client for sending confirmations to a remote location when predetermined events occur.

32. (original) The EDS card of claim 26 further including an audio subsystem for combining a received audio data stream with locally inserted audio.

33. (original) The EDS card of claim 26 further including a command processor performing at least one of displaying said at least a portion of a received data stream stored in said flash memory storage and prompting said Ethernet transceiver to transmit said at least a portion of a received data stream.

34. (canceled)



FROM McANDREWS, HELD, & MALLOY

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35. (canceled)

36. (canceled)

37. (canceled)

38. (canceled)

39. (canceled)

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